Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077522.D
Acq On : 08 Nov 2023 17:01
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 09 01:38:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	62	0.00
2	T	Dichlorodifluoromethane	50.000	43.128	13.7	59	0.00
3	P	Chloromethane	50.000	51.483	-3.0	59	0.00
4	C	Vinyl Chloride	50.000	61.642	-23.3#	72	0.00
5	T	Bromomethane	50.000	62.251	-24.5	71	0.00
6	T	Chloroethane	50.000	63.587	-27.2#	74	0.00
7	T	Trichlorofluoromethane	50.000	46.800	6.4	58	0.00
8	T	Diethyl Ether	50.000	46.096	7.8	55	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.841	6.3	59	0.00
10	T	Methyl Iodide	50.000	40.553	18.9	50	0.00
11	T	Tert butyl alcohol	250.000	212.557	15.0	58	0.00
12	CM	1,1-Dichloroethene	50.000	46.927	6.1#	57	0.00
13	T	Acrolein	250.000	161.713	35.3#	42	0.00
14	T	Allyl chloride	50.000	43.458	13.1	51	0.00
15	T	Acrylonitrile	250.000	238.437	4.6	58	0.00
16	T	Acetone	250.000	218.560	12.6	53	0.00
17	T	Carbon Disulfide	50.000	44.333	11.3	53	0.00
18	T	Methyl Acetate	50.000	49.291	1.4	58	0.00
19	T	Methyl tert-butyl Ether	50.000	46.086	7.8	57	0.00
20	T	Methylene Chloride	50.000	43.580	12.8	54	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.229	3.5	57	0.00
22	T	Diisopropyl ether	50.000	44.373	11.3	54	0.00
23	T	Vinyl Acetate	250.000	227.240	9.1	55	0.00
24	P	1,1-Dichloroethane	50.000	45.088	9.8	55	0.00
25	T	2-Butanone	250.000	223.930	10.4	57	0.00
26	T	2,2-Dichloropropane	50.000	43.723	12.6	55	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.613	6.8	56	0.00
28	T	Bromochloromethane	50.000	46.525	7.0	57	0.00
29	T	Tetrahydrofuran	250.000	236.007	5.6	57	0.00
30	C	Chloroform	50.000	45.900	8.2#	56	0.00
31	T	Cyclohexane	50.000	46.048	7.9	57	0.00
32	T	1,1,1-Trichloroethane	50.000	46.465	7.1	58	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.516	9.0	56	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35	S	Dibromofluoromethane	50.000	46.349	7.3	58	0.00
36	T	1,1-Dichloropropene	50.000	47.148	5.7	56	0.00
37	T	Ethyl Acetate	50.000	46.577	6.8	56	0.00
38	T	Carbon Tetrachloride	50.000	47.423	5.2	60	0.00
39	T	Methylcyclohexane	50.000	47.641	4.7	58	0.00
40	TM	Benzene	50.000	47.864	4.3	56	0.00
41	T	Methacrylonitrile	50.000	45.332	9.3	58	0.00
42	TM	1,2-Dichloroethane	50.000	44.874	10.3	54	0.00
43	T	Isopropyl Acetate	50.000	45.042	9.9	54	0.00
44	TM	Trichloroethene	50.000	46.411	7.2	56	0.00
45	C	1,2-Dichloropropane	50.000	46.174	7.7#	55	0.00
46	T	Dibromomethane	50.000	45.125	9.8	55	0.00
47	T	Bromodichloromethane	50.000	45.385	9.2	55	0.00
48	T	Methyl methacrylate	50.000	44.657	10.7	52	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1029.186	-2.9	62	0.00
50	S	Toluene-d8	50.000	48.714	2.6	61	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.554	5.4	59	0.00
52	CM	Toluene	50.000	48.119	3.8#	57	0.00
53	T	t-1,3-Dichloropropene	50.000	46.082	7.8	55	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.850	8.3	55	0.00
55	T	1,1,2-Trichloroethane	50.000	48.233	3.5	60	0.00
56	T	Ethyl methacrylate	50.000	46.455	7.1	57	0.00
57	T	1,3-Dichloropropane	50.000	46.744	6.5	56	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.272	-0.1	58	0.00
59	T	2-Hexanone	250.000	233.483	6.6	59	0.00
60	T	Dibromochloromethane	50.000	46.800	6.4	57	0.00
61	T	1,2-Dibromoethane	50.000	45.400	9.2	55	0.00
62	S	4-Bromofluorobenzene	50.000	46.438	7.1	58	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64	T	Tetrachloroethene	50.000	46.062	7.9	57	0.00
65	PM	Chlorobenzene	50.000	47.346	5.3	58	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.207	7.6	57	0.00
67	C	Ethyl Benzene	50.000	47.727	4.5#	58	0.00
68	T	m/p-Xylenes	100.000	96.696	3.3	59	0.00
69	T	o-Xylene	50.000	47.925	4.2	58	0.00
70	T	Styrene	50.000	48.295	3.4	59	0.00
71	P	Bromoform	50.000	47.074	5.9	59	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73	T	Isopropylbenzene	50.000	45.756	8.5	60	0.00
74	T	N-amyl acetate	50.000	42.258	15.5	56	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.390	7.2	60	0.00
76	T	1,2,3-Trichloropropane	50.000	46.533	6.9	62	0.00
77	T	Bromobenzene	50.000	44.302	11.4	57	0.00
78	T	n-propylbenzene	50.000	45.945	8.1	60	0.00
79	T	2-Chlorotoluene	50.000	43.763	12.5	57	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.664	8.7	60	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.772	10.5	59	0.00
82	T	4-Chlorotoluene	50.000	44.480	11.0	58	0.00
83	T	tert-Butylbenzene	50.000	46.184	7.6	60	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.805	8.4	60	0.00
85	T	sec-Butylbenzene	50.000	46.399	7.2	62	0.00
86	T	p-Isopropyltoluene	50.000	47.210	5.6	62	0.00
87	T	1,3-Dichlorobenzene	50.000	47.018	6.0	61	0.00
88	T	1,4-Dichlorobenzene	50.000	46.113	7.8	61	0.00
89	T	n-Butylbenzene	50.000	46.836	6.3	62	0.00
90	T	Hexachloroethane	50.000	45.048	9.9	59	0.00
91	T	1,2-Dichlorobenzene	50.000	47.120	5.8	61	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.036	11.9	58	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.395	9.2	60	0.00
94	T	Hexachlorobutadiene	50.000	45.263	9.5	61	0.00
95	T	Naphthalene	50.000	47.512	5.0	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.765	6.5	61	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6